

Substitute for form 1449/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (Use as many sheets as necessary)

NOV 17 2006

Sheet

of

9

## **Complete if Known**

Application Number	10/666,088
Filing Date	September 19, 2003
First Named Inventor	Don M. Hannegan
Art Unit	3672
Examiner Name	William P. Neuder
Attorney Docket Number	65501.0048

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind-Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WN		US-3,405,763	10-1968	Pitts, et al.	
		US-3,421,580	01-1969	Fowler et al.	
		US-3,443,643	05-13-1969	Marvin R. Jones	Col. 3, Ins. 53-63; Col. 4, Ins. 8-18, see 5S below
		US-3,583,480	06-1971	John Regan	Cited in US 7,040,394 B2
		US-3,638,721	02-01-1972	Otto R. Harrison	See 6/26/2001 IPER for PCT/GB00/00726; Fig. 2, see 5L, 5O, 5P, 5Q, 5R, 5T, 5U, 5V, 5W below
		US-3,827,511	08-06-1974	Marvin R. Jones	See 5T, 5U, 5V, 5W below
		US-3,847,215	11-1974	Herd	
		US-3,924,678	12-1975	Ahlstone	
		US-4,046,191	09-06-1977	Robert Arthur Neath	See 5U, 5V, 5W below
		US-4,053,023	10-1977	Herd et al.	
		US-4,143,881	03-13-1979	Bunting	Cited in US 7040394 B2; see 5Z and 6A below
		US-4,149,603	04-17-1979	James F. Arnold	See 5U below
		US-4,157,186	06-05-1979	Edwin G. Murray, et al.	See 5U, 5V below
		US-4,313,054	01-1982	Richard M. Martini	Cited in US 7,040,394 B2
		US-4,353,420	10-1982	Miller	
		US-4,355,784	10-26-1982	Lester L. Cain	See 5U, 5V below
		US-4,439,204	09-1982	Malone	
		US-4,440,232	04-1984	Joseph L. LeMoine	Cited in US 7,040,394 B2
		US-4,448,255	05-1984	Shaffer, et al.	Cited in US 7,040,394 B2
		US-4,484,753	11-27-1984	Mammohan S. Kalsi	
WN		US-4,509,405	04-1985	H. John Bates	Cited in US 7,040,394 B2

Examiner  
Signature

/William Neuder/

Date  
Considered

01/17/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

560186.1/SPH65501/0048/111408

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/666,088
		Filing Date	September 19, 2003
		First Named Inventor	Don M. Hannegan
		Art Unit	3672
		Examiner Name	William P. Neuder
Sheet 2 of 9	Attorney Docket Number	65501.0048	

WN		US-4,531,580	07-1985	Jones	Cited in US 7,040,394 B2
		US-4,540,053	09-1985	Baugh et al.	
		US-4,597,448	07-01-1986	Benton F. Baugh	
		US-4,615,544	10-1986	Baugh	
		US-4,626,135	12-02-1986	Joseph R. Roche	See 11/29/2004 European Pat. Office Action for Application No. 00906522.8; see 7/22/2005 Norway Pat. Office Action of Application No. 20013952; See 6/26/2001 IPER for PCT/GB00/00726; see 5A, 5G, 5I, 5J, 5L, 5M, 5O, 5P, 5Q below
		US-4,690,220	09-1987	Braddick	
		US-4,709,900	12-1987	Dyer	
		US-4,736,799	04-1988	Ahlstone	
		US-4,759,413	07-1988	Bailey, et al.	
		US-4,765,404	08-1988	Bailey, et al.	
		US-4,807,705	02-1989	Henderson, et al.	
		US-4,813,495	03-21-1989	Colin P. Leach	See 11/1/2004 Norway Patent Office Action for Patent Application No. 20003950; see 5T below
		US-4,984,636	01-1991	Bailey, et al.	
		US-4,995,464	02-1991	Watkins, et al.	
		US-5,009,265	04-1991	Bailey, et al.	
		US-5,040,600	08-1991	Bailey, et al.	
		US-5,062,479	11-1991	Bailey, et al.	
		US-5,076,364	12-1991	Hale et al.	
		US-5,154,231	10-1992	Bailey, et al.	
		US-5,163,514	11-17-1992	Charles E. Jennings	See Col. 1, Lns. 44-51; Col. 2, ln. 62 to Col. 3, ln. 57 and Figs. 1 & 2; see 5B below
WN		US-5,178,215 A	01-12-1993	Yenulis, et al.	Cited in US 7,040,394

Examiner Signature	/William Neuder/	Date Considered	01/17/2007
--------------------	------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/666,088
		Filing Date	September 19, 2003
		First Named Inventor	Don M. Hannegan
		Art Unit	3672
		Examiner Name	William P. Neuder
Sheet 3 of 9	Attorney Docket Number	65501:0048	

					B2; see 5Z and 6A below; discussed in S.N. 11/366,078 application
WN		US-5,195,754	03-23-1993	Lannie Dietle	
		US-5,215,151	06-1993	Smith, et al.	Cited in US 7,040,394 B2
		US-5,224,557	07-06-1993	Yenulis, et al.	Discussed in S.N. 11/366,078 application
		US-5,230,520	07-27-1993	Lannie Dietle, et al.	
		US-5,251,869	12-12-1993	Benny M. Mason	See 5Z and 6A below
		US-5,277,249	01-11-1994	Yenulis, et al.	Discussed in S.N. 11/366,078 application
		US-5,325,925	07-1994	Smith et al.	
		US-5,348,107	09-20-1994	Thomas F. Bailey, et al.	Cited in US 7,040,394 B2; discussed in S.N. 11/366,078 application
		US-5,348,107	09-1994	Thomas F. Bailey, et al.	
		US-5,443,129	08-1995	Bailey, et al.	
		US-5,607,019	03-1997	Kent	
		US-5,662,171	09-02-1997	James D. Brugman, et al.	
		US-5,662,181	09-02-1997	John R. Williams, et al.	See YYYY, 5L, 5M, 5N, 5O, 5P, 5Q, 5U, 5V, 5X, 5Z, 6A below, the whole document; cited in US 7,040,394 B2; discussed in S.N. 11/366,078 application
		US-5,671,812	09-1997	Bridges	
		US-5,678,829	10-21-1997	Mammohan S. Kalsi, et al.	
		US-5,738,358	04-14-1998	Mammohan S. Kalsi, et al.	
		US-5,823,541	10-20-1998	Lannie Dietle, et al.	
		US-5,829,531	11-1998	Hebert, et al.	
		US-5,848,643	12-15-1998	Carbaugh, et al.	Cited in US 7,040,384 B2
		US-5,873,576	02-23-1999	Lannie Dietle, et al.	
		US-5,878,818	03-1999	Hebert, et al.	
		US-5,944,111	08-1999	Bridges	
		US-6,007,105	12-28-1999	Lannie Dietle, et al.	
WN		US-6,016,880	01-2000	Hall et al.	

Examiner Signature	/William Neuder/	Date Considered	01/17/2007
--------------------	------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO <b>INFORMATION DISCLOSURE  STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/666,088		
		Filing Date	September 19, 2003		
		First Named Inventor	Don M. Hannegan		
		Art Unit	3672		
		Examiner Name	William P. Neuder		
Sheet	4	of	9	Attorney Docket Number	65501.0048

WN		US-6,036,192	03-14-2000	Lannie Dietle, et al.	
		US-6,109,348 A	08-29-2000	Miles F. Caraway	Cited in US 7,040,384 B2
		US-6,109,618	08-29-2000	Lannie L. Dietle	
		US-6,129,152	10-10-2000	Hosie, et al.	Col. 10, ln. 22-Col. 12, ln. 31; Figs. 1 & 2; see YYYY, 5X, 5Z below; cited in US 7,040,394 B2; discussed in S.N. 11/366,078 application
		US-6,138,774	10-31-2000	Adam T. Bourgoynne, Jr., et al.	See Figs. & claims 1-3, noting bearing assembly 60 located in subsea apparatus above a borehold; see 5C, 5F below; discussed in S.N. 11/366,078 application
		US-6,202,745	03-2001	Reimert et al.	
		US-6,227,547 A	05-08-2001	Lannie Dietle, et al.	Discussed in S.N. 11/366,078 application
		US-6,244,359 B1	06-12-2001	Bridges et al.	Cited in US 7,040,384 B2; see 5Z and 6A below
		US-6,263,982 B1	07-2001	Hannegan, et al.	Discussed in S.N. 11/366,078 application
		US-6,354,385 A	03-12-2002	Ford, et al.	Cited in US 7,040,384 B2; see 5Z and 6A below
		US-6,457,529 B1	10-2002	Calder et al.	
		US-6,457,529	10-01-2002	Ian Douglas Calder, et al.	See 5X below; pg. 2, ln. 15, ¶17 - ln. 24; Fig. 2, see YYYY, ZZZZ below
WN		US-6,470,975	10-29-2002	Bourgoynne, et al.	See ZZZZ, 5C, 5X below; cited in US 7,040,394 B2; discussed in S.N. 11/366,078 application

Examiner Signature	/William Neuder/	Date Considered	01/17/2007
--------------------	------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/666,088
		Filing Date	September 19, 2003
		First Named Inventor	Don M. Hannegan
		Art Unit	3672
		Examiner Name	William P. Neuder
Sheet 5 of 9	Attorney Docket Number	65501.0048	

WN		US-6,478,303 B1	11-12-2002	Christopher D. Radcliffe	
		US-6,547,002	04-15-2003	Bailey, Thomas F., et al.	See 5X below
		US-6,554,016 B2	06-13-2002	Joseph Kinder	Cited in US 7,040,394 B2; see 5Z and 6A below; discussed in S.N. 11/366,078 application; see 7,004,444 B2 and 7,007,913 B2 below
		US-6,655,460 B2	12-02-2003	Bailey, et al.	
		US-6,702,012	07-03-2003	Bailey, Thomas F., et al.	See 5X below
		US-6,749,172 B2	10-16-2003	Joseph Kinder	Discussed in S.N. 11/366,078 application
		US-6,843,313 B2	12-13-2001	Vern A. Hult	
		US-6,896,076 B2	06-05-2003	John E. Nelson, et al.	Pub. No. US2003/0102136A1
		US-6,913,092 B2	07-05-2005	Bourgoyne	
		US-7,004,444 B2	11-11-2004	Joseph Kinder	Figs. 1 and 3 and claims
		US-7,007,913 B2	11-11-2004	Joseph Kinder	Figs. 1 and 3 and claims
		US-7,025,130 B2	06-10-2004	Thomas F. Bailey, et al.	
		US-7,028,777 B2	12-02-2004	Morris B. Wade, et al.	
		US-7,032,691 B2	05-05-2005	Gavin Humphreys	
		US-7,040,394 B2	05-06-2004	Bailey, Thomas F., et al.	Figs. 1, 7a, 7b, 8; see YYYY, 5X below; discussed in S.N. 11/366,078 application
		US-7,077,212 B2	03-25-2004	Thomas Roesner, et al.	
WN		US-7,080,685 B2	01-06-2005	Bailey, Thomas F., et al.	See 5X below

Examiner Signature	/William Neuder/	Date Considered	01/17/2007
-----------------------	------------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.  
 This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/666,088
				Filing Date	September 19, 2003
				First Named Inventor	Don M. Hannegan
				Art Unit	3672
				Examiner Name	William P. Neuder
Sheet	6	of	9	Attorney Docket Number	65501.0048

WN	US- 2003/0106712- A1 (US)	06-12-2003	Darryl Bourgoynne, et al.	Discussed in S.N. 11/366,078 application
WN	US-2005/241833	03-11-2005	Thomas F. Bailey, et al.	
WN	US- 2005/0151107	07-14-2005	Jianchao Shu	
WN	US- 2006/0102387 A1 (US)	05-18-2006	Darryl A. Bourgoynne, et al.	S/N 10/281,534
WN	US- 2006/0108119- A1 (US)	05-25-2006	Thomas F. Bailey, et al.	See 5X below; S/N 10/995,980; discussed in S.N. 11/366,078 application

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear in <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
WN		EP	0290250	A2	11-09-1988	Conoco, Inc.	Col. 5, Ins. 1-65; Fig. 2; see 5B below and US - 4,813,495
WN		EP	0290250	A3	11-09-1988	Conoco, Inc.	See attached European Search Report for Appln. EP 88 30 4057 completed 08-22- 1989 and US - 4,813,495
WN		CA	2363132	A1	09-08-2000	Darryl A. Bourgoynne, et al.	See US - 6,470,975
		GB	2394741	A	05-05-2004	Thomas F. Bailey, et al.	See US - 7,040,394
		CA	2447196	A1	04-30-2004	Thomas F. Bailey, et al.	See US - 7,040,394
		AU	199927822	B2	09-10-1999	Williams Tool Co., Inc.	See US - 6,138,774
		AU	200028183	A1	09-08-2000	Weatherford/Lamb, Inc.	See US - 6,470,975
WN		AU	200028183	B2	09-08-2000	Weatherford/Lamb, Inc.	See US - 6,470,975

Examiner Signature	/William Neuder/	Date Considered	01/17/2007
-----------------------	------------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/666,088
		Filing Date	September 19, 2003
		First Named Inventor	Don M. Hannegan
		Art Unit	3672
		Examiner Name	William P. Neuder
Sheet 7 of 9	Attorney Docket Number	65501.0048	

WN		PCT	WO00/52299	A	09-08-2000	Don M. Hannegan, et al.	See Figs. & claims, noting housing 14 and bearing assembly 28; see ZZZZ, 5C below; see US - 6,470,975
----	--	-----	------------	---	------------	-------------------------	---

U.S. PATENT RELATED APPLICATIONS				
Examiner Initials*	Application No.	Atty Docket No.	Status or Patentee	Date of Filing or Issue
WN	60/122,530	055010.0022	Priority Claimed In U.S. Patent No. 6,470,975B1	03-02-1999

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
WN	GGGG	GB Search Report from Application No. GB 0324939.8 dated 1/21/04 (1 page)		
	HHHH	MicroPatent® list of patents citing U.S. Patent No. 3,476,195, printed on January 24, 2003		
	IIII	PCT Search Report, International Application No. PCT/EP2004/052167, 4 pages (Date of Completion November 25, 2004)		
	JJJJ	PCT Written Opinion of the International Searching Authority, International Application No. PCT/EP2004/052167, 6 pages		
	KKKK	Supplementary European Search Report No. EP 99908371 (date of completion 10/22/04) (3 pages)		
	XXXX	TANGEDAHL, M.J., et al., "Rotating Preventers: Technology for Better Well Control," World Oil, Gulf Publishing Company, Houston, TX, US, Vol. 213, No. 10, 10/1992, numbered pages 63-64 and 66 (3 pages)		
	YYYY	European Search Report for EP 05 27 0083, Application No. 05270083.8-2315, European Patent Office, March 2, 2006 (5 pages)		
	ZZZZ	Netherlands Search Report for NL No. 1026044, dated 12/14/05 (3 pages)		
	5A	Int'l. Search Report for PCT/GB 00/00731 corresponding to U.S. Patent No. 6,470,975 (6/16/00) (2 pages)		
	5B	GB0324939.8 Examination Report corresponding to U.S. Patent No. 6,470,975 (3/21/06) (6 pages)		
	5C	GB0324939.8 Examination Report corresponding to U.S. Patent No. 6,470,975 1/22/04) (3 pages)		
	5D	2003/0106712 Family Lookup Report (6/15/06) (5 pages)		
	5E	6,470,975 Family Lookup Report (6/15/06) (5 pages)		
WN	5F	AU S/N 28183/00 Examination Report corresponding to U.S. Patent No. 6,470,975 (1 page)		

Examiner Signature	/William Neuder/	Date Considered	01/17/2007
--------------------	------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/666,088
		Filing Date	September 19, 2003
		First Named Inventor	Don M. Hannegan
		Art Unit	3672
		Examiner Name	William P. Neuder
Sheet	8	of	9
		Attorney Docket Number	65501.0048

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
WN		(9/9/2002)	
	5G	NO S/N 20013953 Examination Report corresponding to U.S. Patent No. 6,470,975 w/one page of English translation (3 pages) (4/29/2003)	
	5H	NESSA, D.O. & Tangedahl, M.L. & Saponia, J: <b>PART 1:</b> "Offshore underbalanced drilling system could revive field developments," World Oil, Vol. 218, No. 7, Cover Page, 3, 61-64 and 66 (July 1997); and <b>PART 2:</b> "Making this valuable reservoir drilling/completion technique work on a conventional offshore drilling platform." World Oil, Vol. 218 No. 10, Cover Page, 3, 83, 84, 86 and 88 (October 1997) (see 5A, 5G above and 5I below).	
	5I	Int'l. Search Report for PCT/GB 00/00731 corresponding to U.S. Patent No. 6, 470,975 (4 pages) (6/27/2000)	
	5J	Int'l. Preliminary Examination Report for PCT/GB 00/00731 corresponding to U.S. Patent No. 6,470,975 (7 pages) (12/14/2000)	
	5K	NL Examination Report for WO 00/52299 corresponding to this U.S. S/N 10/281,534 (3 pages) (12/19/2003)	
	5L	AU S/N 28181/00 Examination Report corresponding to U.S. Patent No. 6,263,982 (1 page) (9/6/2002)	
	5M	EU Examination Report for WO 00/906522.8-2315 corresponding to U.S. Patent No. 6,263,982 (4 pages) (11/29/2004)	
	5N	NO S/N 20013952 Examination Report w/two pages of English translation corresponding to U.S. Patent No. 6,263,982 (4 pages) (7/2/2005)	
	5O	PCT/GB00/00726 Int'l. Preliminary Examination Report corresponding to U.S. Patent No. 6,263,982 (10 pages) (6/26/2001)	
	5P	PCT/GB00/00726 Written Opinion corresponding to U.S. Patent No. 6,263,982 (7 pages) (12/18/2000)	
	5Q	PCT/GB00/00726 International Search Report corresponding to U.S. Patent No. 6,263,982 (3 pages) (3/2/1999)	
	5R	AU S/N 27822/99 Examination Report corresponding to U.S. Patent No. 6,138,774 (1 page) (10/15/2001)	
	5S	EU 99908371.0-1266-US9903888 European Search Report corresponding to U.S. Patent No. 6,138,774 (3 pages) (11/2/2004)	
	5T	NO S/N 20003950 Examination Report w/one page of English translation corresponding to U.S. Patent No. 6,138,774 (3 pages) (11/1/2004)	
	5U	PCT/US990/03888 Notice of Transmittal of International Search Report corresponding to U.S. Patent No. 6,138,774 (6 pages) (8/4/1999)	
	5V	PCT/US99/03888 Written Opinion corresponding to U.S. Patent No. 6,138,744 (5 pages) (12/21/1999)	
WN	5W	PCT/US99/03888 Notice of Transmittal of International Preliminary Examination Report	

Examiner Signature	/William Neuder/	Date Considered	01/17/2007
--------------------	------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/666,088
Filing Date	September 19, 2003
First Named Inventor	Don M. Hannegan
Art Unit	3672
Examiner Name	William P. Neuder
Attorney Docket Number	65501.0048

Sheet 9 of 9

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

		corresponding to U.S. Patent No. 6,138,774 (15 pages) (6/12/2000)	
WN	5X	EU Examination Report for 05270083:8-2315 corresponding to US 2006/0108119 A1 published 5/25/2006 (11 pages) (5/10/2006)	
WN	5Y	TANGEDAHL, M.J., et al. "Rotating Preventers: Technology for Better Well Control," World Oil, Gulf Publishing Company, Houston, TX, US, Vol. 213, No. 10, 10/1992, (1992-10-01) numbered pages 63-64 and 66 (3 pages) XP 000288328 ISSN: 0043-8790 (see YYYY, 5X above)	
WN	5Z	UK Search Report for Application No. GB 0325423.2, searched 01-30-2004 corresponding to above U.S. Patent No. 7,040,394 (one page)	
WN	6A	UK Examination Report for Application No. GB 0325423.2 (corresponding to above 5Z) (4 pages)	

Examiner  
Signature

/William Neuder/

Date  
Considered

01/17/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 If possible, \*Applicant is to place a check mark here if English language translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.